



PATENTS

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: BRUCE R. COOK, ET AL.

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EXAMINER: W. GRIFFIN

SERIAL No.: 09/676,875

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GROUP ART UNIT: 1764

FILED: SEPTEMBER 29, 2000

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TITLED: CATALYTIC STRIPPING FOR
MERCAPTAN REMOVAL

**COMMISSIONER FOR PATENTS
AND TRADEMARKS
WASHINGTON, D.C. 20231**

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APR 10 2002
TC 1700

RESPONSE TO FIRST OFFICE ACTION

Sir:

This is in response to the First Office Action dated December 3, 2001. Please enter the following amendments and remarks.

IN THE SPECIFICATION

Please enter this new "ABSTRACT OF THE DISCLOSURE":

ABSTRACT OF THE DISCLOSURE

A
A process for reducing the amount of mercaptan sulfur in a petroleum stream without significantly changing its octane value. The process comprising a three-phase system wherein the petroleum stream to be treated is passed through a fixed bed of catalyst in the presence of a stripping gas. The stripping gas can be either hydrogen